

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Xuedong Song

Docket No: KCX-693 (19341)

Serial No: 10/719,976

Group No: 1632

Confirmation No: 1744

Examiner: Unknown

Customer No: 22827

Filed: November 21, 2003

Date: July 12, 2004

For: Method For Extending The Dynamic Detection Range Of Assay Devices

RELATED U.S. PATENT APPLICATIONS

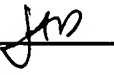


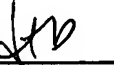
ASSISTANT COMMISSIONER FOR PATENTS

P.O. Box 1450

Alexandria, VA 22313-1450

The following commonly assigned U.S. Patent Applications are being cited to the Examiner for review and consideration. Enclosed please find copies of these applications. Once the applications have been reviewed, it is requested that the Examiner place his or her initial to the left of the identified patents on the list document to indicate that the specific patent applications have been considered.

RELATED U.S. APPLICATIONS

<u>Examiner's Initial</u>	<u>Inventor</u>	<u>Serial Number</u>	<u>Filing Date</u>	<u>Title of Application</u>
	Wei, et al.	10/325,429 (KCX-570)	12/19/2002	Self-Calibrated Flow-Through Assay Devices
	Yang, et al.	10/406,577 (KCX-634)	04/03/2003	Assay Devices That Utilize Hollow Particles
	Wei, et al.	10/325,614 (KCX-642)	12/19/2002	Reduction Of The Hook Effect In Membrane-Based Assay Devices
	Wei, et al.	10/406,631 (KCX-650)	04/03/2003	Reduction Of The Hook Effect In Assay Devices

<u>JRP</u>	Wei, et al.	10/718,997 (KCX-691)	11/21/2003	Extension Of The Dynamic Detection Range Of Assay Devices
<u>JRP</u>	Yang, et al.	10/741,434 (KCX-727)	12/19/2003	Laminated Assay Devices
<u>JRP</u>	Yang, et al.	10/742,589 (KCX-728)	12/19/2003	Flow Control Of Electrochemcial-Based Assay Devices
<u>JRP</u>	Yang, et al.	10/742,590 (KCX-729)	12/19/2003	Flow-Through Assay Devices
<u>JRP</u>	Xuedong Song	10/718,989 (KCX-741)	11/21/2003	Membrane-Based Lateral Flow Assay Devices That Utilize Phosphorescent Detection
<u>JRP</u>	Ning Wei	10/718,996 (KCX-742)	11/21/2003	Method Of Reducing The Sensitivity Of Assay Devices
<u>JRP</u>	David S. Cohen	10/836,093 (KCX-826)	04/30/2004	Optical Detection Systems
<u>JRP</u>	Boga, et al.	10/790,617 (KCX-827)	03/01/2004	Assay Devices Utilizing Chemichronic Dyes



(Rev. 5/92) Information Disclosure Statement List By Applicant(s) Under 37 CFR Section 1.98(a) (1) (Use several sheets if necessary)	Attorney Docket Number: KCX-693 (19341)	Serial Number: 10/719,976
	Applicant: Xuedong Song	
	Filing Date: November 21, 2003 Confirmation No: 1744	Group Art Unit: 1632

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U.S. PATENT DOCUMENTS										
EXAMINER INITIALS	PATENTEE NAME	PATENT NUMBER							ISSUE DATE	COPY NOTE
JTB	Lipman, et al.	D	4	5	0	8	5	4	11/20/2001	5
JTB	Bruschi	R	E	3	0	2	6	7	05/06/1980	5
JTB	Burch	1	3	6	6	2	4	1	01/18/1921	5
JTB	Keim	3	7	0	0	6	2	3	10/24/1972	5
JTB	Keim	3	7	7	2	0	7	6	11/13/1973	5
JTB	Deutsch, et al.	4	0	9	4	6	4	7	06/13/1978	5
JTB	Stoy	4	1	1	0	5	2	9	08/29/1978	5
JTB	Grubb, et al.	4	1	6	8	1	4	6	09/18/1979	5
JTB	Dorman, et al.	4	2	1	0	7	2	3	07/01/1980	5
JTB	Litman, et al.	4	2	7	5	1	4	9	06/23/1981	5
JTB	Wohljen	4	3	1	2	2	2	8	01/26/1982	5
JTB	Greenquist	4	3	6	3	8	7	4	12/14/1982	5
JTB	Tom, et al.	4	3	6	6	2	4	1	12/28/1982	5
JTB	Litman, et al.	4	3	7	4	9	2	5	02/22/1983	5
JTB	Chen, et al.	4	3	8	5	1	2	6	05/24/1983	5
JTB	Columbus	4	4	2	6	4	5	1	01/17/1984	5
JTB	Kowalski, et al.	4	4	2	7	8	3	6	01/24/1984	5
JTB	Zuk, et al.	4	4	3	5	5	0	4	03/06/1984	5
JTB	White	4	4	4	1	3	7	3	04/10/1984	5
JTB	Greenquist, et al.	4	4	4	2	2	0	4	04/10/1984	5
JTB	Ludwig	4	4	4	4	5	9	2	04/24/1984	5
JTB	Mitra	4	4	7	7	6	3	5	10/16/1984	5
JTB	Craig, et al.	4	4	8	0	0	4	2	10/30/1984	5
JTB	Clark, et al.	4	5	3	3	4	9	9	08/06/1985	5
JTB	Litman, et al.	4	5	3	3	6	2	9	08/06/1985	5
JTB	Papadakis	4	5	3	4	3	5	6	08/13/1985	5
JTB	Keim	4	5	3	7	6	5	7	08/27/1985	5
JTB	Elings, et al.	4	5	3	7	8	6	1	08/27/1985	5
JTB	Litman, et al.	4	5	4	0	6	5	9	09/10/1985	5
JTB	Lowne	4	5	5	2	4	5	8	11/12/1985	5
JTB	Sekler, et al.	4	5	6	1	2	8	6	12/31/1985	5
JTB	Lowe, et al.	4	5	6	2	1	5	7	12/31/1985	5
JTB	Miller	4	5	8	6	6	9	5	05/06/1986	5
JTB	Cragle, et al.	4	5	9	5	6	6	1	06/17/1986	5
JTB	Ballato	4	5	9	6	6	9	7	06/24/1986	5
JTB	Schmidt, et al.	4	6	1	4	7	2	3	09/30/1986	5

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	Applicant: Xuedong Song	
	Filing Date: November 21, 2003 Confirmation No: 1744	Group Art Unit: 1632

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4	7	2	7	0	1	9	02/23/1988	5
4	7	3	1	3	3	7	03/15/1988	5
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4	9	1	7	5	0	3	04/17/1990	5
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4	9	7	3	6	7	0	11/27/1990	5
4	9	9	2	3	8	5	02/12/1991	5
5	0	0	3	1	7	8	03/26/1991	5
5	0	2	3	0	5	3	06/11/1991	5
5	0	2	6	6	5	3	06/25/1991	5
5	0	3	5	8	6	3	07/30/1991	5
5	0	5	5	2	6	5	10/08/1991	5
5	0	6	3	0	8	1	11/05/1991	5
5	0	6	4	6	1	9	11/12/1991	5
5	0	7	5	0	7	7	12/24/1991	5
5	0	7	6	0	9	4	12/31/1991	5
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5	2	5	2	4	5	9	10/12/1993	5
5	2	6	2	2	9	9	11/16/1993	5

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	Filing Date: November 21, 2003		Group Art Unit: 1632	
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✓AD	Berger, et al.	5	2	6	8	3	0	6	12/07/1993	5
	Cooke, et al.	5	3	1	4	9	2	3	05/24/1994	5
	Suzuki, et al.	5	3	1	6	7	2	7	05/31/1994	5
	Okada, et al.	5	3	2	0	9	4	4	06/14/1994	5
	Detwiler, et al.	5	3	2	1	4	9	2	06/14/1994	5
	Bender, et al.	5	3	2	7	2	2	5	07/05/1994	5
	Bar-Or, et al.	5	3	3	0	8	9	8	07/19/1994	5
	Litman, et al.	5	3	4	2	7	5	9	08/30/1994	5
	Lichtenwalter, et al.	5	3	5	2	5	8	2	10/04/1994	5
	Moorman, et al.	5	3	5	6	7	8	2	10/18/1994	5
	Wu	5	3	5	8	8	5	2	10/25/1994	5
	Attridge	5	3	6	9	7	1	7	11/29/1994	5
	Maule	5	3	7	4	5	6	3	12/20/1994	5
	Gumbrecht, et al.	5	3	7	6	2	5	5	12/27/1994	5
	Selmer, et al.	5	3	8	7	5	0	3	02/07/1995	5
	Lamotte, et al.	5	3	9	5	7	5	4	03/07/1995	5
	Maule	5	4	1	5	8	4	2	05/16/1995	5
	Müller, et al.	5	4	1	8	1	3	6	05/23/1995	5
	Jirikowski	5	4	2	4	2	1	9	06/13/1995	5
	Litman, et al.	5	4	3	2	0	5	7	07/11/1995	5
	Bergström, et al.	5	4	3	6	1	6	1	07/25/1995	5
	Rohr	5	4	4	5	9	7	1	08/29/1995	5
	Barrett, et al.	5	4	5	1	6	8	3	09/19/1995	5
	Josse, et al.	5	4	5	5	4	7	5	10/03/1995	5
	Hendrix	5	4	6	4	7	4	1	11/07/1995	5
	Liberti, et al.	5	4	6	6	5	7	4	11/14/1995	5
	Catt, et al.	5	4	6	7	7	7	8	11/21/1995	5
	Bogart, et al.	5	4	6	8	6	0	6	11/21/1995	5
	Bogart, et al.	5	4	8	2	8	3	0	01/09/1996	5
	Barrett, et al.	5	4	8	2	8	6	7	01/09/1996	5
	Lichtenham, et al.	5	4	8	4	8	6	7	01/16/1996	5
	Fodor, et al.	5	4	8	9	6	7	8	02/06/1996	5
	Ackley, et al.	5	4	8	9	9	8	8	02/06/1996	5
	Malmqvist, et al.	5	4	9	2	8	4	0	02/20/1996	5
	Baker, et al.	5	5	0	0	3	5	0	03/19/1996	5
	Senior	5	5	0	4	0	1	3	04/02/1996	5
	Walling, et al.	5	5	0	8	1	7	1	04/16/1996	5
	Bednarski, et al.	5	5	1	0	4	8	1	04/23/1996	5
	Kumar, et al.	5	5	1	2	1	3	1	04/30/1996	5
	Markert-Hahn, et al.	5	5	1	4	5	5	9	05/07/1996	5
	Ekins, et al.	5	5	1	6	6	3	5	05/14/1996	5
	Dosmann, et al.	5	5	1	8	6	8	9	05/21/1996	5
	Soini	5	5	1	8	8	8	3	05/21/1996	5
	Tom-Moy, et al.	5	5	2	7	7	1	1	06/18/1996	5
	Vrecke, et al.	5	5	3	4	1	3	2	07/09/1996	5
	Chadney, et al.	5	5	5	4	5	3	9	09/10/1996	5
	Malmqvist, et al.	5	5	5	4	5	4	1	09/10/1996	5
	Somner	5	5	6	9	6	0	8	10/29/1996	5
	Lawrence, et al.	5	5	7	1	6	8	4	11/05/1996	5
	Singer, et al.	5	5	7	3	9	0	9	11/12/1996	5
	Davidson	5	5	8	5	2	7	9	12/17/1996	5
	Hansen, et al.	5	5	8	9	4	0	1	12/31/1996	5
	Massey, et al.	5	5	9	1	5	8	1	01/07/1997	5
	Tyler	5	5	9	6	4	1	4	01/21/1997	5
	Stimpson, et al.	5	5	9	9	6	6	8	02/04/1997	5
	Choi, et al.	5	6	1	8	8	8	8	04/08/1997	5
	Bamdad, et al.	5	6	2	0	8	5	0	04/15/1997	5
✓AD	Hemmila, et al.	5	6	3	7	5	0	9	06/10/1997	5

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6	0	3	0	8	4	0	02/29/2000	5
6	0	3	3	5	7	4	03/07/2000	5
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6	0	6	0	2	5	6	05/09/2000	5
6	0	8	0	3	9	1	06/27/2000	5
6	0	8	4	6	8	3	07/04/2000	5
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6	1	8	3	9	7	2	02/06/2001	5
6	1	8	4	0	4	2	02/06/2001	5
6	1	9	4	2	2	0	02/27/2001	5

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44	Hansen, et al.	6	2	0	0	8	2	0	03/13/2001	5
	Grundig, et al.	6	2	2	1	2	3	8	04/24/2001	5
	Everhart, et al.	6	2	2	1	5	7	9	04/24/2001	5
	Catt, et al.	6	2	3	4	9	7	4	05/22/2001	5
	Catt, et al.	6	2	3	5	2	4	1	05/22/2001	5
	Knapp, et al.	6	2	3	5	4	7	1	05/22/2001	5
	Connolly	6	2	3	5	4	9	1	05/22/2001	5
	Monbouquette	6	2	4	1	8	6	3	06/05/2001	5
	Wieder, et al.	6	2	4	2	2	6	8	06/05/2001	5
	Louderback	6	2	5	5	0	6	6	07/03/2001	5
	Barbera-Guillem, et al.	6	2	6	1	7	7	9	07/17/2001	5
	Chandler, et al.	6	2	6	8	2	2	2	07/31/2001	5
	Crismore, et al.	6	2	7	0	6	3	7	08/07/2001	5
	Buechler	6	2	7	1	0	4	0	08/07/2001	5
	Heller, et al.	6	2	8	1	0	0	6	08/28/2001	5
	Wei, et al.	6	2	8	4	4	7	2	09/04/2001	5
	Maynard, et al.	6	2	8	7	7	8	3	09/11/2001	5
	Herron, et al.	6	2	8	7	8	7	1	09/11/2001	5
	Kuhr, et al.	6	2	9	4	3	9	2	09/25/2001	5
	Aylott, et al.	6	3	3	1	4	3	8	12/18/2001	5
	Sutton, et al.	6	3	4	8	1	8	6	02/19/2002	5
	Massey, et al.	6	3	6	2	0	1	1	03/26/2002	5
	Chang, et al.	6	3	6	8	8	7	3	04/09/2002	5
	Geisberg	6	3	6	8	8	7	5	04/09/2002	5
	Kaylor, et al.	6	3	9	9	2	9	5	06/04/2002	5
	Zarling, et al.	6	3	9	9	3	9	7	06/04/2002	5
	Avnery, et al.	6	4	0	7	4	9	2	06/18/2002	5
	Nishikawa	6	4	1	1	4	3	9	06/25/2002	5
	Hodges, et al.	6	4	1	3	4	1	0	07/02/2002	5
	Everhart, et al.	6	4	3	6	6	5	1	08/20/2002	5
	Clark, et al.	6	4	3	6	7	2	2	08/20/2002	5
	Meade, et al.	6	4	4	4	4	2	3	09/03/2002	5
	Massey, et al.	6	4	4	8	0	9	1	09/10/2002	5
	Lawrence, et al.	6	4	5	1	6	0	7	09/17/2002	5
	Hoyt	6	4	5	5	8	6	1	09/24/2002	5
	Feldman, et al.	6	4	6	1	4	9	6	10/08/2002	5
	Massey, et al.	6	4	6	8	7	4	1	10/22/2002	5
	Barradine, et al.	6	4	7	2	2	2	6	10/29/2002	5
	Caruso, et al.	6	4	7	9	1	4	6	11/12/2002	5
	Kennedy	6	5	0	9	0	8	5	01/21/2003	5
	Brooks, et al.	6	5	0	9	1	9	6	01/21/2003	5
	Carpenter	6	5	1	1	8	1	4	01/28/2003	5
	Rushbrooke, et al.	6	5	5	6	2	9	9	04/29/2003	5
	Bentsen, et al.	6	5	6	6	5	0	8	05/20/2003	5
	Everhart, et al.	6	5	7	3	0	4	0	06/03/2003	5
	McGrath, et al.	6	5	7	9	6	7	3	06/17/2003	5
	Ponomarev, et al.	6	5	8	2	9	3	0	06/24/2003	5
	Dapprich	6	5	8	5	9	3	9	07/01/2003	5
	LaBorde	6	6	0	7	9	2	2	08/19/2003	5
	Richter, et al.	6	6	1	3	5	8	3	09/02/2003	5
42	Springer, et al.	6	6	1	7	4	8	8	09/09/2003	5

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	Applicant: Xuedong Song	
	Filing Date: November 21, 2003	Group Art Unit: 1632
	Confirmation No: 1744	

EXAMINER INITIALS	APPLICANT'S NAME	PUBLICATION NUMBER	PUBLICATION DATE	COPY NOTE
JTD	Sidwell, et al.	0 0 1 7 6 1 5	01/23/2003	5
JTD	Song, et al.	0 0 4 3 5 0 2	03/04/2004	5
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JTD	Song, et al.	0 0 4 3 5 1 1	03/04/2004	5
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JTD	Greenwalt	0 0 5 5 7 7 6	12/27/2001	5
JTD	Beckmann	0 0 7 0 1 2 8	06/13/2002	5
JTD	Yang, et al.	0 1 0 6 1 9 0	06/03/2004	5
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EXAMINER INITIALS		COUNTRY	DOCUMENT NUMBER							PUBLICATION DATE	TRANSLATION			COPY NOTE	
											YES	NO	N/A		
JTD		WO		0	1	9	8	7	6	5 A1	12/27/2001			X	
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JTD		WO	0	0	2	3	8	0	5	A1	04/27/2000		X		
JTD		WO	0	0	4	6	8	3	9	A2 & A3	08/10/2000			X	
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JTD		WO	0	0	7	8	9	1	7	A1	12/28/2000			X	
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JTD		EP	0	4	6	9	3	7	7	A2	02/05/1992		X		

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JPD	EP	0	7	0	3	4	5	4	A1	03/27/1996			X	
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JPD	EP	0	8	9	8	1	6	9	B1	02/24/1999			X	
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JPD	UK	2	2	7	3	7	7	2	A	06/29/1994			X	
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*"NO" means that no copy of an English language translation is within the possession, custody, or control of, or is readily available to any individual designated in Rule 56C.

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	Article – Principle and Applications of Size-Exclusion Chromatography, Impact Analytical, pp. 1-3		
	Article – Probing of strong and weak electrolytes with acoustic wave fields, R. Dahint, D. Grunze, F. Josse, and J. C. Andle, Sensors and Actuators B, Vol. 9, 1992, pp. 155-162		
	Article – Production of Hollow Microspheres from Nanostructured Composite Particles, Frank Caruso, Rachel A. Caruso, and Helmuth Möhwald, Chem. Mater., Vol. 11, No. 11, 1999, pp. 3309-3314		
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	Article – Quartz Crystal Resonators as Sensors in Liquids Using the Acoustoelectric Effect, Zack A. Shana and Fabian Josse, Analytical Chemistry, Vol. 66, No. 13, July 1, 1994, pp. 1955-1964		
dkn	Article – Responsive Gels: Volume Transitions I, M. Ilavský, H. Inomata, A. Khokhlove, M. Konno, A. Onuki, S. Saito, M. Shibayama, R.A. Siegel, S. Starodubtzev, T. Tanaka, and V. V. Vasilivskaya, Advances in Polymer Science, Vol. 109, 9 pages		

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	Applicant: Xuedong Song	
	Filing Date: November 21, 2003 Confirmation No: 1744	Group Art Unit: 1632

JH	Article – <i>Room-Temperature Phosphorescent Palladium—Porphine Probe for DNA Determination</i> , Montserrat Roza-Fernández, Maria Jesús Valencia-González, and Marta Elena Diaz-Garcia, <i>Analytical Chemistry</i> , Vol. 69, No. 13, July 1, 1997, pp. 2406-2410		
	Article – <i>Self-Assembled Monolayer Films For Nanofabrication</i> , Elizabeth A. Dobisz, F. Keith Perkins, Susan L. Brandow, Jeffrey M. Calvert, and Christie R. K. Marrian, <i>Mat. Res. Soc. Symp. Proc.</i> , Vol. 380, 1995, pp. 23-34		
	Article – <i>Sensing liquid properties with thickness-shear mode resonators</i> , S. J. Martin, G. C. Frye, and K. O. Wessendorf, <i>Sensors and Actuators A</i> , Vol. 44, 1994, pp. 209-218		
	Article – <i>Separation-Free Sandwich Enzyme Immunoassays Using Microporous Gold Electrodes and Self-Assembled Monolayer/Immobilized Capture Antibodies</i> , Chuanming Duan and Mark E. Meyerhoff, <i>Analytical Chemistry</i> , Vol. 66, No. 9, May 1, 1994, pp. 1369-1377		
	Article – <i>Stimuli-Responsive Poly(N-isopropylacrylamide) Photo- and Chemical-Induced Phase Transitions</i> , <i>Advances in Polymer Science</i> , pp. 50-65		
	Article – <i>The Adsorptive Characteristics of Proteins for Polystyrene and Their Significance in Solid-Phase Immunoassays</i> , L. A. Cantaero, J. E. Butler, and J. W. Osborne, <i>Analytical Biochemistry</i> , Vol. 105, 1980, pp. 375-382		
	Article – <i>The Use of Self-Assembled Monolayers and a Selective Etch To Generate Patterned Gold Features</i> , Amit Kumar, Hans A. Biebuyck, Nicholas L. Abbott, and George M. Whitesides, <i>Journal of the American Chemical Society</i> , Vol. 114, 1992, 2 pages		
JH	Article – <i>Volume Phase Transition of N-Alkylacrylamide Gels</i> , S. Saito, M. Konno, and H. Inomata, <i>Advances in Polymer Science</i> , Vol. 109, 1992, pp. 207-232		

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	KCX-693 (19341)	10/719,976
	Applicant: Xuedong Song	
	Filing Date: November 21, 2003	Group Art Unit: 1632
	Confirmation No: 1744	

JK	Article - <i>Whole Blood Capcellia CD4/CD8 Immunoassay for Enumeration of CD4+ and CD8+ Peripheral T Lymphocytes</i> , Dominique Carrière, Jean Pierre Vendrell, Claude Fontaine, Aline Jansen, Jacques Reynes, Isabelle Pagès, Catherine Holzmänn, Michel Laprade, and Bernard Pau, <i>Clinical Chemistry</i> , Vol. 45, No. 1, 1999, pp. 92-97		
	8 Photographs of Accu-check® Blood Glucose Meter		
	AMI Screen Printers - Product Information, 4 pages		
	CELQUAT® SC-230M (28-6830), CELQUAT® SC-240C and SC-230M, from National Starch & Chemical, 1 page		
	CELQUAT® SC-230M (28-6830), Polyquaternium-10, from National Starch & Chemical, 1 page		
	Dualite® Polymeric Microspheres, from Pierce & Stevens Corp. a subsidiary of Sovereign Specialty Chemicals, Inc., 2 pages		
	Dynabeads® Biomagnetic Separation Technology - The Principle from Dynal Biotech, 2 pages		
	ECCOSPHERES® glass microspheres - hollow glass microspheres from Emerson & Cuming Composite Materials, Inc., 1 page		
	Fluorescent Microsphere Standards for Flow Cytometry and Fluorescence Microscopy from Molecular Probes, pp. 1-8		
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	Pamphlet - The ClearPlan® Easy Fertility Monitor		
	POSS Polymer Systems from Hybrid Plastics, 3 pages		
	The colloidal state, Introduction to Colloid and Surface Chemistry, 4 th Ed., 17 pages		
	Working With FluoSpheres® Fluorescent Microspheres, Properties and Modifications, Product Information from Molecular Probes, March 9, 2001, pp. 1-5		
	PCT Search Report for PCT/US03/21520	12/15/2003	
	PCT Search Report for PCT/US02/37653	04/07/2004	
JK	PCT Search Report for PCT/US03/28628	03/18/2004	

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<i>JS</i>	PCT Search Report for PCT/US03/34543	04/06/2004	
<i>JS</i>	PCT Search Report for PCT/US03/34544	04/20/2004	
EXAMINER	<i>Jackie DL</i>	DATE CONSIDERED	<i>4/16/07</i>
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U.S. PATENT DOCUMENTS											
EXAMINER INITIALS	PATENTEE NAME	PATENT NUMBER								ISSUE DATE	COPY NOTE
JTD	Lihme, et al.	5	7	7	0	4	1	6		06/23/1998	5
JTD	Henkens, et al.	6	3	9	1	5	5	8		05/21/2002	5
JTD	Zhang	6	6	7	0	1	1	5		12/30/2003	5
JTD	Wong, et al.	6	7	8	7	3	6	8		09/07/2004	5
JTD	Jacobson, et al.	6	8	1	5	2	1	8		11/09/2004	5

U.S. PATENT APPLICATION PUBLICATIONS											
EXAMINER INITIALS	APPLICANT'S NAME	PUBLICATION NUMBER								PUBLICATION DATE	COPY NOTE
JTD	Huang, et al. 2003	0	1	7	8	3	0	9		09/25/2003	5

FOREIGN PATENT DOCUMENTS														
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EXAMINER INITIALS	OTHER DOCUMENTS Specify author (if any), Title, Pertinent Pages, Date & Place of Publication	COPY NOTE
JH	Article - <i>New Use of Cyanosilane Coupling Agent for Direct Binding of Antibodies to Silica Supports. Physicochemical Characterization of Molecularly Bioengineered Layers</i> , Sandrine Falipou, Jean-Marc Chovelon, Claude Martelet, Jacqueline Margonari and Dominique Cathignol, <i>Bioconjugate Chem.</i> , Vol. 10, No. 3, 1999, pp. 346-353	
JH	PCT Search Report and Written Opinion for PCT/US2004/006412	09/28/2004
JH	PCT Search Report and Written Opinion for PCT/US2004/006414	09/28/2004
EXAMINER	<i>Jack</i>	DATE CONSIDERED 4/16/07
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U.S. PATENT DOCUMENTS									
EXAMINER INITIALS	PATENTEE NAME	PATENT NUMBER							COPY NOTE
Jpe	Campbell, et al.	4	7	0	3	0	1	7	10/27/1987 5

U.S. PATENT APPLICATION PUBLICATIONS									
EXAMINER INITIALS	APPLICANT'S NAME	PUBLICATION NUMBER							COPY NOTE

FOREIGN PATENT DOCUMENTS									
EXAMINER INITIALS	COUNTRY	DOCUMENT NUMBER							PUBLICATION DATE

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EXAMINER INITIALS	PATENTEE NAME	PATENT NUMBER							ISSUE DATE	COPY NOTE	
JTB	Van Ness, et al.	5	5	1	4	7	8	5	05/07/1996	5	
JTB	Kuo	5	8	7	6	9	4	4	03/02/1999	5	
JTB	Buck, et al.	6	3	0	6	6	6	5	10/23/2001	5	
JTB	Seul, et al.	6	3	8	7	7	0	7	05/14/2002	5	
JTB	Walt, et al.	6	7	2	0	0	0	7	04/13/2004	5	



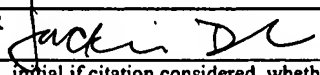
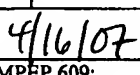
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JTB	Trau, et al.	0	0	1	4	0	7	3	01/22/2004	5	

FOREIGN PATENT DOCUMENTS															
EXAMINER INITIALS		COUNTRY	DOCUMENT NUMBER							PUBLICATION DATE	TRANSLATION			COPY NOTE	
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JTB		WO	0	1	6	3	2	9	9	A1	08/30/2001			X	
JTB		WO	8	8	0	4	7	7	7	A1	06/30/1988			X	
JTB		WO	9	9	6	4	8	6	4	A1	12/16/1999			X	

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EXAMINER INITIALS	OTHER DOCUMENTS		COPY NOTE
JTB	Specify author (if any), Title, Pertinent Pages, Date & Place of Publication		
JTB	Abstract of DE10024145A1	11/22/2001	
JTB	Article - Solid Substrate Phosphorescent Immunoassay Based On Bioconjugated		

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	Nanoparticles, Baoquan Sun, Guangshun Yi, Shuying Zhao, Depu Chen, Yuxiang Zhou, and Jing Cheng, Analytical Letters, Vol. 34, No. 10, 2001, pp. 1627-1637		
	PCT Search Report and Written Opinion for PCT/US2004/013180	08/17/2004	
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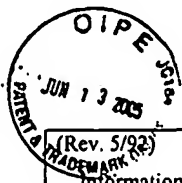
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U.S. PATENT DOCUMENTS										
EXAMINER INITIALS	PATENTEE NAME	PATENT NUMBER							ISSUE DATE	COPY NOTE
JH	Glaever	4	1	1	5	5	3	5	09/19/1978	5
	Deutsch et al.	4	2	3	5	6	0	1	11/25/1980	5
	Greenquist	4	8	0	6	3	1	2	02/21/1989	5
	Recktenwald et al.	4	8	6	7	9	0	8	09/19/1989	5
	Blackwood et al.	5	1	6	6	0	7	9	11/24/1992	5
	Jensen	5	3	7	4	5	3	1	12/20/1994	5
	Pease et al.	5	6	1	8	7	3	2	04/08/1997	5
	Schwartz	5	8	3	7	5	4	7	11/17/1998	5
	Blatt et al.	5	9	6	8	8	3	9	10/19/1999	5
	Mansour	6	0	5	7	1	6	5	05/02/2000	5
JAD	Brooks et al.	6	5	0	9	1	9	6	01/21/2003	5

U.S. PATENT APPLICATION PUBLICATIONS											
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EXAMINER INITIALS	COUNTRY	DOCUMENT NUMBER							PUBLICATION DATE		
JH	EP	1	2	5	5	1	1	1	A1	11/06/2002	X
JH	WO	0	3	0	0	8	9	7	1 A2 & A3	01/30/2003	X



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<i>ld</i>	WO	2004	0	3	4	0	5	6	A2 & A3	04/22/2004			X	

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<i>[Signature]</i>	Wang et al.	5	9	8	5	4	3	2	11/16/1999	5
<i>[Signature]</i>	Mendel-Hartvig et al.	6	9	1	6	6	6	6	07/12/2005	5

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<i>[Signature]</i>	Ouyang et al. 2002	0	1	3	2	2	8	2	09/19/2002	5
<i>[Signature]</i>	Voigt et al. 2003	0	1	7	5	5	1	7	09/18/2003	5
<i>[Signature]</i>	March 2004	0	1	5	2	9	6	3	08/05/2004	5

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